

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10582398"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 11:49
L16	1948	((photo light) near3 (sensor detector) photodiode) and (oled "organic light emitting diode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:34
L17	580	((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and L16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:34
L18	357	(translucent or diffusion) and L17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:34
L19	147	18 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:35

L20	13	("5751327"   "5768675"   "6012291"   "6121993"   "6121994"   "6121995"   "6218660"   "6266074"   "6366304"   "6380943"   "6607277"   "6683639"   "6949849").PN. OR ("7116345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L21	17	("3592527"   "3666881"   "3944358"   "4150876"   "4714956"   "5124545"   "5467216"   "5486936").PN. OR ("6163348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L22	16	("4060316"   "5170271"   "5200283"   "5208686"   "5260815"   "5268779").PN. OR ("5486936").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L23	19	("3666881"   "4127322"   "4150876"   "4185894"   "4368386"   "4481531"   "4920417"   "4989076").PN. OR ("5124545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L24	21	("4965591"   "5141785"   "5161007"   "5319461"   "5418096"   "5488601").PN. OR ("5555205").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L25	2	("5327263").PN. OR ("5748273").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L26	5	("4846559"   "4920257"   "5327263").PN. OR ("5793453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59

L27	19	("3666881"   "4127322"   "4150876"   "4185894"   "4368386"   "4481531"   "4920417"   "4989076").PN. OR ("5124545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 14:59
L28	68	(translucent or diffusion or transparent) and (L20 L21 L22 L23 L24 L25 L26 L27)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 14:59
L29	65	28 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:00
L30	2	"20070181895"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:21
L31	8	("5414247"   "5771091"   "5969858"   "6091497"   "6239865"   "6398425"   "6694031").PN. OR ("6822750").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:36
L32	7	("4933545"   "5262884"   "5771091"   "5969858"   "6091497"   "6239865"   "6552328").PN. OR ("6906807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 15:37

S1	1259	257/13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 15:52
S2	270790	"257"/(13,79-103).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 15:52
S3	0	("LED" or "light adj emitt \$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) with ((sensor) or (light adj sensor)) and ((photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent and polymer and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 15:59
S4	0	("LED" or "light adj emitt \$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj sensor)) and ((photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent and polymer and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 15:59

S5	0	("LED" or "light adj emitt \$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj sensor)) and ((photo adj conduct\$3) or (photo adj current) or (multiplication adj layer)) and electroluminescent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:00
S6	447	("LED" or "light adj emitt \$3 adj diode") and ((light adj light with conversion) or (light adj conversion)) and ((sensor) or (light adj sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:03
S7	114	polymer and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:06
S8	51	conductor and substrate and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:07
S9	33	polymer and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:07

S10	10	S9 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:08
S11	277	S6 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:08
S12	24	S8 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 16:10
S13	19	("3666881"   "4127322"   "4150876"   "4185894"   "4368386"   "4481531"   "4920417"   "4989076").PN. OR ("5124545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 17:49
S14	21	("4965591"   "5141785"   "5161007"   "5319461"   "5418096"   "5488601").PN. OR ("5555205").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 17:58
S15	12	("3611230"   "4011505"   "4453103"   "4518962"   "5059876"   "5210490"   "5341280").PN. OR ("5637973").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:01
S16	9	("4641071"   "5055775"   "5304899"   "5323001"   "5347256").PN. OR ("5818188").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:01

S17	2	("5909081").PN. OR ("6956323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:03
S18	3007	257/40	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:26
S19	6	("LED" or "light adj emitt \$3 adj diode") and ((light adj light adj conversion) or (light adj conversion) or (photo adj photo adj conversion)) and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:28
S20	17	("LED" or "light adj emitt \$3 adj diode") and ((light adj light adj conversion) or (photo adj photo adj conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:30
S21	2262	257/79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:30
S22	0	("LED" or "light adj emitt \$3 adj diode") and ((light adj light adj to adj light adj conversion) or (photo adj photo adj conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:40
S23	617	("LED" or "light adj emitt \$3 adj diode") and ((light adj light with conversion) or (photo adj photo adj conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:40

S24	274	("LED" or "light adj emitt \$3 adj diode") and ((light adj light near5 conversion) or (photo adj photo adj conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:41
S25	17	("LED" or "light adj emitt \$3 adj diode") and ((light adj light adj conversion) or (photo adj photo adj conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:41
S26	327	("LED" or "light adj emitt \$3 adj diode") and ((light adj light near5 conversion) or (photo adj photo adj conversion) or ("light-to-light") or ("light-light"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:42
S27	183	S26 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:43
S28	1	"11393789"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:53
S29	1	"11360249"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 18:54



S30	13	("5751327"   "5768675"   "6012291"   "6121993"   "6121994"   "6121995"   "6218660"   "6266074"   "6366304"   "6380943"   "6607277"   "6683639"   "6949849").PN. OR ("7116345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 21:56
S31	17	("3592527"   "3666881"   "3944358"   "4150876"   "4714956"   "5124545"   "5467216"   "5486936").PN. OR ("6163348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:05
S32	16	("4060316"   "5170271"   "5200283"   "5208686"   "5260815"   "5268779").PN. OR ("5486936").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:13
S33	19	("3666881"   "4127322"   "4150876"   "4185894"   "4368386"   "4481531"   "4920417"   "4989076").PN. OR ("5124545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:27
S34	21	("4965591"   "5141785"   "5161007"   "5319461"   "5418096"   "5488601").PN. OR ("5555205").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:32
S35	2	("5327263").PN. OR ("5748273").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:37
S36	5	("4846559"   "4920257"   "5327263").PN. OR ("5793453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:37

S37	19	("3666881"   "4127322"   "4150876"   "4185894"   "4368386"   "4481531"   "4920417"   "4989076").PN. OR ("5124545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 22:39
S38	120	((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light with conversion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/09 22:45
S39	101	S38 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/09 22:45
S40	9	("5056897"   "5150242"   "5182666"   "5543631"   "5629920"   "5903296"   "6219160"   "6268614"   "6437887").PN. OR ("7262430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 23:13
S41	22	("3447922"   "3448028"   "3448029"   "3448030"   "4546244"   "4754132"   "4877952"   "5093565"   "5288990"   "5315129"   "5416338").PN. OR ("5543631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 23:15
S42	12	("3655971"   "3795517"   "4672014"   "5170271"   "5200283"   "5260815"   "5301046"   "5304438"   "5313288"   "5486936").PN. OR ("5933201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 23:16

S44	120	((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light with conversion) or (light adj light with converion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/09 23:21
S45	120	((light adj light adj conversion) or (photo adj photo adj conversion) or (light adj to adj light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/09 23:22
S46	1945	((photo light) near3 (sensor detector)) or photodiode) and (oled "organic light emitting diode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:15
S47	1076	"1" and ((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:17
S48	1945	((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:19
S49	343	"1" and ((photo light) near3 (sensor detector)) photodiode) near3 (polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:21

S50	27	S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:21
S51	208	S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:22
S52	10	S48 and (((photo light) near3 (sensor detector)) photodiode) near3 (organic adj polymer resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:23
S53	119	S51 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 11:23
S54	343	"1" and (((photo light) near3 (sensor detector)) photodiode) near3 (polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 12:18
S55	235	S54 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 12:18

S56	3007	257/40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 13:47
S57	338	((photo light) near3 (sensor detector)) photodiode) and ((oled) or ("organic light emitting diode") or (LED) or (light emitting diode)) and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 13:55
S58	300	S57 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/10 13:55
S59	1948	((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:40
S60	208	S59 and ((photo light) near3 (sensor detector)) photodiode) near3 (organic polymer resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:40
S61	119	S60 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:40

S62	3018	257/40	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:45
S63	344	S62 and ((photo light) near3 (sensor detector)) photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:45
S64	641911	((photo light) near3 (sensor detector)) photodiode) and (oled "organic light emitting diode") or (LED or "light emitting diode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:46
S65	230	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:47
S66	59	((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:50
S67	580	((light adj shield\$3) or (light with Shield\$3) or (shield\$3) or (translucent)) and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:50

S68	52	S66 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 08:51
S69	228	S67 and @ad < "20031217"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 09:23
S70	4	("5771091"   "5969838"   "6091497"   "6239865").PN. OR ("6831266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 09:52
S71	12	("4576436"   "5345076"   "5402508").PN. OR ("6091497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 09:54
S72	7	("4933545"   "5262884"   "5771091"   "5969858"   "6091497"   "6239865"   "6552328").PN. OR ("6906807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 09:57
S73	8	("5414247"   "5771091"   "5969858"   "6091497"   "6239865"   "6398425"   "6694031").PN. OR ("6822750").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 09:57
S74	53453	Nakayama.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:10

S75	1	"Kenichi Nakayama".in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:11
S76	215	"Nakayama Kenichi".in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:11
S77	274	"Yokoyama masaaki".in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:14
S78	248	"Ueda Masato".in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:15
S79	1286	divalent with heterocyclic with monovalent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:18
S80	0	heteroclyctic and S79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:19



S81	1286	heterocyclic and S79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:19
S82	453	polystyrene and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:20
S83	442	hydrogen and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:21
S84	6	((photo light) near3 (sensor detector) photodiode) and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 10:21

9/11/2007 4:38:51 PM

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